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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Wierer Jr., Jonathan J.; Krames, Michael R.; Rudaz, Serge L.

Assignee: Lumileds Lighting, U.S., LLC

Title: Multi-Layer Highly Reflective Ohmic Contacts For Semiconductor Devices

Serial No.: 09/469,652

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Examiner: Chris C. Chu

Group Art Unit: 2815

Docket No.: M-9197 US

San Jose, California  
June 12, 2001COMMISSIONER FOR PATENTS  
Washington, D. C. 20231INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(c) WITH CERTIFICATION  
UNDER 37 C.F.R. § 1.97(e)(1)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicant(s) wish to call the following documents (copies enclosed) to the attention of the Examiner. The documents were cited in the International Search Report for the corresponding PCT Application No. PCT/US 00/35184.

1. English translation of Japanese Publication No. 11220168 ;
2. Japanese Patent No. 11-220168
3. European Patent Application No. EP 0 926 744 A2
4. English translation of Japanese Publication No. 06045651
5. Japanese Patent No. 6-45651
6. German Patent No. DE 41 13 969 A1
7. European Patent No. 0 051 172 A1
8. PCT Patent No. WO 95/00974
9. English translation of Japanese Publication No. 60102733

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10. Mensz, P. et al., "In<sub>x</sub>Ga<sub>1-x</sub>N/Al<sub>y</sub>Ga<sub>1-y</sub>N violet light emitting diodes with reflective *p*-contacts for high single sided light extraction," Electronics Letters, 20<sup>th</sup> November 1997, Vol. 33, No. 24, pp. 2066-2068

A PTO form 1449 listing these documents is enclosed.

The relevance of any non-English language documents cited herein is explained in the accompanying copy of the International Search Report.

Citation of the above documents shall not be construed as:


1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

The undersigned hereby certifies in accordance with § 1.97(e)(1) that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

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Respectfully submitted,

  
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